(19) World Intellectual Property Organization

International Bureau



(43) International Publication Date 16 December 2004 (16.12.2004)

PCT

(10) International Publication Number WO 2004/109749 A3

(51) International Patent Classification7: C04B 35/462, H04R 17/00, B05D 3/02

(21) International Application Number:

PCT/IL2004/000501

10 June 2004 (10.06.2004) (22) International Filing Date:

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 60/477,400

11 June 2003 (11.06.2003)

(71) Applicant (for all designated States except US): YEDA RESEARCH AND DEVELOPMENT COMPANY LTD. [IL/IL]; At The Weizmann Institute of Science, P.O.Box 95, 76100 Rehovot (IL).

(72) Inventor; and

(75) Inventor/Applicant (for US only): LUBOMIRSKY, Igor [IL/IL]; 35/18 Katz Street, 49374 Petach Tikva (IL).

(74) Agent: REINHOLD COHN AND PARTNERS; P.O. Box 4060, 61040 Tel Aviv (IL).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,

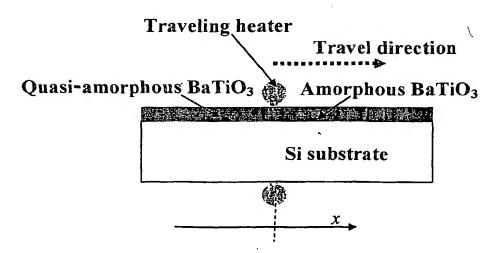
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- (88) Date of publication of the international search report: 10 March 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PYROELECTRIC COMPOUND AND METHOD OF ITS PREPARATION



(57) Abstract: A novel pyroelectric compound is presented. The compound is inorganic, quasi-amorphous oxide compound of a metal, mixture of metals or semiconducting element.